

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/01520

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 B60K 41/00**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
(IPC 7) B60K, F02D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and Patents Application for Inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
KIPONET, USPTO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 6324459 B1 (Hyundai Motor Co.) 27 NOVEMBER, 2001 see the whole document | 1, 7 |
| A | US 6332524 B1 (Hyundai Motor Co.) 25 DECEMBER, 2001 see the whole document | 1, 7 |
| A | JP 01-109127 A (Mazda Motor Co.) 26 APRIL, 1989 see the whole document | 1, 7 |
| A | JP 01-195137 A (Mitsubishi Motor Co.) 7 AUGUST, 1989 see the whole document | 1, 7 |
| A | KR 1999-68802 A (Shin, Hyunoh) 6 SEPTEMBER, 1999 see the whole document | 1, 7 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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 "E" earlier application or patent but published on or after the international filing date
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

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 "&" document member of the same patent family

Date of the actual completion of the international search

24 DECEMBER 2003 (24.12.2003)

Date of mailing of the international search report

26 DECEMBER 2003 (26.12.2003)

Name and mailing address of the ISA/KR



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